

Amendments to the Claims

1. (currently amended) 1. A network configured to dynamically and intelligently route requests for services provided by service provider servers, comprising:

a computing device utilizing an Internet service provider (ISP) to communicate over the network.

an association of at least one application service provider server coupled with said network;

an ingress server configured to receive incoming requests for application services that are directed [to] from the computing device over an established [the] network connection;

a routing device configured to intelligently route the client application service request over the network to an associated application service provider server according to predetermined application criteria; and

[a] an application service provider server register configured to maintain current application service provider server information of said application services.

2. (currently amended) A network according to Claim 1 further comprising a qualifying device configured to intelligently qualify [a] an application service provider server according to predetermined criteria, wherein the application service provider server may become associated with the network.

3. (currently amended) A network according to Claim 2 wherein the qualifying device is configured to qualify [a] an application service provider server based on application service quality criteria.

4. (currently amended) A network according to Claim 2 wherein the qualifying device is configured to qualify [a] an application service provider server

based on application service routing criteria, and wherein the routing device includes routing code for enabling a processor to route client requests to an application service provider server by executing the routing code.

5. (currently amended) A network according to Claim 2 wherein the qualifying device is configured to qualify [a] an application service provider server based on the type of service offered by the application service provider server.

6. (Original) A network according to Claim 1, wherein the network includes a plurality of routing devices and a router table propagator configured to intelligently propagate updates of routing tables that may exist in each of the plurality of routing devices.

7. (currently amended) A network according to Claim 1, wherein the ingress server includes a routing device configured with routing code to route client requests to an application service provider server and [a] an application service provider server register configured to maintain current service provider server information.

8. (currently amended) A network according to Claim 1 further comprising a plurality of application service provider servers that are affiliated with the ingress server, wherein the ingress server is configured to route client requests to one or more of the application service provider servers according to predetermined criteria.

9. (currently amended) A network according to Claim 1, wherein the application service provider server register includes a routing table containing property information pertaining to [a] an application service provider server.

10. (currently amended) A network according to Claim 1, wherein the application service provider server register includes a routing table containing property information pertaining to [a] an application service provider server including operation status information and type of application service information.

11. (currently amended) A network according to Claim 9, wherein the routing table includes a look-up table containing property information pertaining to [a] an application service provider server that can be looked up by the routing device.

12. (Currently amended) An ingress server configured to route a client request to an application server, comprising:

a router configured with routing code to route client requests over an established network connection to an application service provider server; and

[a] an application service provider server register configured to maintain current application service provider server information.

13. (currently amended) An ingress server according to Claim 12 further comprising a qualifying device configured to intelligently qualify [a] an application service provider server according to predetermined criteria, wherein the application service provider may become associated with a service routing network.

14. (currently amended) An ingress server according to Claim 13 wherein the qualifying device is configured to qualify [a] an application service provider server based on service quality criteria.

15. (currently amended) An ingress server according to Claim 13 wherein the routing device includes routing code for enabling a processor to route client requests to an application service provider server upon execution, and wherein

the qualifying device is configured to qualify [a] an application service provider server based on service routing criteria.

16. (currently amended) An ingress server according to Claim 13 wherein the qualifying device is configured to qualify [a] an application service provider server based on the type of service offered by the application service provider server.

17. (Original) An ingress server according to Claim 12, wherein the network includes a plurality of routing devices and a router table propagator configured to intelligently propagate updates of routing tables that may exist in each of the plurality of routing devices.

18. (currently amended) An ingress server according to Claim 12, wherein the application service provider server register includes a routing table containing property information pertaining to [a] an application service provider server.

19. (currently amended) An ingress server according to Claim 12, wherein the application service provider server register includes a routing table containing property information pertaining to a application service provider server including operation status information and type of application service information.

20. (currently amended) An ingress server according to Claim 12, wherein the routing table includes a look-up table containing property information pertaining to [a] an application service provider server that can be looked up by the routing device.

21. (currently amended) An ingress server according to claim 12, further comprising a subscription module configured to route a client request to [a] an application service provider server according to subscription criteria.

22. (Currently amended) A method for routing a client request to a pre-qualified application service provider server, wherein such routing is performed by a routing server having [a] an application service provider register, comprising:
receiving a client request over an established network connection;
analyzing the client request to determine the type of application service that is requested by the request;
checking the application service provider register for a pre-qualified application service provider server that is capable of performing the requested application service; and routing the request to [a] an application service provider according to predetermined criteria.

23. (currently amended) A method according to Claim 22, further comprising the step of choosing [a] an application service provider server from a number of application service provider servers that have been requalified by the routing server for particular application services.

24. (currently amended) A method according to Claim 23, wherein choosing a service provider server from a number of application service provider servers is performed by the routing server according to predetermined subscription criteria.

25. (currently amended) A method according to Claim 22, further including intelligently propagating router table updates to application service routing servers.